formity with U.S. Geological Survey editorial standards or stratigraphic nomencla-OPEN FILE REPORT 78-050 TENMILE SPRING QUADRANGLE UNITED STATES WYOMING-CARBON CO. 18 OF 18 DEPARTMENT OF THE INTERIOR 7.5 MINUTE SERIES (TOPOGRAPHIC) GEOLOGICAL SURVEY NW 4 HANNA 15 QUADRANGLE 4668 II SW (SCHNEIDER RIDGE) R. 82 W. 106°45′ 42°00′ 106°37′30″ -42°00′ **EXPLANATION** 42'30" R. 83 W. KRCRA BOUNDARY KNOWN RECOVERABLE COAL RE-SOURCE AREA-Area in which the Federal coal land is classified, (1) as subject to the coal leasing provisions of the Mineral Leasing Act of 1920, as amended and, (2) by virtue of the available data being sufficient to permit evaluation as to extent, location, and potential for developing commercial quantities of coal. NON-FEDERAL COAL LAND-Land for which the Federal Government does not own the coal rights. COAL LEASE 10 W16465 COAL LEASE-An area of Federal coal lands in which the Federal Government has entered into a contractual agree-ment for development of the coal deposits. AREA OF UNKNOWN COAL-DEVELOP-MENT POTENTIAL-Federal coal lands probably underlain by coal, but where no data is available to determine a coal-development potential. 2 14 18 AREA OF NO COAL-DEVELOPMENT POTENTIAL—Federal coal lands not 57'30" known to be underlain by coal within 3000 57'30" feet of the surface. KRCRA BOUNDARY Coal resource development potentials are given only for leaseable federal coal land within KRCRA boundaries. 20 24 19 28 KRCRA BOUNDARY 55" COAL LEASE COAL LEASE T. 23 N. W42554 W16465 T. 23 N T. 22 N. T 22 N COAL LEASE COAL LEASE COAL LEASE W16466 W16465 W16465 12 10 10 COAL LEASE COAL LEASE COAL LEASE COAL LEASE W16466 W16466 W16465 W16465 COAL LEASE W16466 COAL LEASE 16 41°52′30″ 106°45′ 106°37′30″ Base map from U.S. Geological Survey, 1971 Compiled in 1977 by Texas Instruments Incorporated SCALE 1:24 000 WYOMING

COAL DEVELOPMENT POTENTIAL MAP OF THE TENMILE SPRING QUADRANGLE,

CARBON COUNTY, WYOMING

BY

UTM GRID AND 1971 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

TEXAS INSTRUMENTS INCORPORATED
1978

QUADRANGLE LOCATION

PLATE 17

COAL DEVELOPMENT POTENTIAL

FOR

SUBSURFACE MINING METHODS

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